

BERMUDIAN SPRINGS SCHOOL DISTRICT

(Grade 11, 12) ADVANCED CHEMISTRY - Year-Long Curriculum Map



	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May																																
UNIT/Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
Chemical Reactions - Lewis Structures, Ionic Equations, Acid/Base, Titrations, Redox																																										
Thermodynamics (1) - Energy, Enthalpy, Calorimetry, Hess's Law																																										
Solids/Liquids - Phase Changes, Phase Diagrams, Solids																																										
Solutions - Stoichiometry, Colligative Properties, Dilutions																																										
Kinetics - Rate Laws, Reaction Rates, Catalysts, Concentrations																																										
Equilibria - Equilibrium Constant, LeChatlier's Principle																																										
Acid/Base - Equilibria, pH, Constants, Buffers, Titrations																																										
Thermodynamics (2) - Spontaneity, Free Energy, Entropy																																										
Electrochemistry - Batteries, Redox, Electricity, Corrosion																																										
Organic Chemistry - Naming, Groups																																										
Diagnostic/CDT's, Keystone, Writing, Research, End of Course Tests																																										
Foundational Skills: Reading, Writing, Grammar, Vocabulary																																										
Pre-View Standards																																										